

INFO-HAMS Digest

Sun, 10 Dec 89

Volume 89 : Issue 100

Today's Topics:

ARRL
Follow-up on Encomm
Free Vacuum Forever!
rec.scanners
RS Discone? To buy or not to buy?
Satellite tracking program for UNIX
scratching.
Tennelec Scanner - need schematic/manual
tuner problems

Date: Sat, 09 Dec 89 14:43:21 PST
From: KEVIN%CALSTATE.BITNET@CUNYVM.CUNY.EDU
Subject:

I have been reading the pros/cons of modifying radios to transmit out-of-band (especially on 2-meters and there about)... I have a Kenwood TH-215A hand-held and know that it is modifiable to extend the transmit band range. (MARS /CAP.) My question is: How is this done? Does one buy extra guts and solder them in, or is it a secret code to enter on the keypad? If anyone knows, please let me know here or via direct mail.

Thanks in advance.

Kevin Savetz / KC6GWQ

+-----+
: KEVIN M. SAVETZ - KC6GWQ : DISCLAIMER: I assume no
: Bitnet: kevin@calstate.bitnet : responsibility for any messages
: Internet: gpr001f@ccs.calstate.edu : that I post, expressed or
: FishNet: salmon@smoked.poached.fried : implied. Opinions expressed
+-----+ my own.

"Hey, if you're not gonna eat that parsley, pass it my way."

Date: 7 Dec 89 13:34:54 GMT

From: shlump.nac.dec.com!ryn.esg.dec.com!pstjtt.enet.dec.com!taber@decwrl.dec.com

Subject: ARRL

Message-ID: <608@ryn.esg.dec.com>

In article <24896@ubvax.UB.Com>, hardwick@ubvax.UB.Com (Bob Hardwick) writes...
>
>
>I got the following off of a packet BBS the other day
>and thought the net might like to comment.
>
>[mindless threats by a disturbed individual regarding radio mods]
>
>If this is what the ARRL is doing with our dues money then
>the ARRL has just lost a member.

The following is from the December 1989 "Moved and Seconded" section of QST:

"9.1 The Executive Committee reviewed a report prepared by the Field Services Manager documenting the actions of a Section Manager which had resulted in numerous complaints from members. On motion of Mr. Mendelson, the President was directed to write to the Section Manager advising him that the expressing of personal opinions in the guise of official ARRL communications cannot be tolerated, in part because such conduct might jeopardize the agreement between ARRL and FCC establishing the Amateur Auxiliary; and that a repetition of this conduct will be grounds for immediate removal from office."

Wadda you think? Sound like it might be connected?

By the way -- the league is its members. It does what its membership wants. Every person who leaves the league because they disagree with some group (code .vs. no-code, radio-mod idiots, etc.) is actively supporting the other side. The way to change things is to stay and fight. Changes are made by do-ers, not whiners.

>>>=PStJTT
Patrick St. Joseph Teahan Taber

Mail address: ahhhhh, you don't want to send me mail....

Date: 11 Dec 89 03:35:34 GMT
From: att!tsdiag!ka2qhd!w2up@ucbvax.Berkeley.EDU (Barry Kutner W2UP)
Subject: Follow-up on Encomm
Message-ID: <59@ka2qhd.UUCP>

Several weeks ago I posted a note about Encomm (now Tom Gentry Enterprises) and the non-response to my calls about a KDK xcvr I sent for repair. Well, after about 8 weeks, the radio finally did return, and was repaired. One part was replaced. Definitely an 8 week job! 73 de Barry, W2UP

Date: 10 Dec 89 01:28:20 GMT
From: usc!cs.utexas.edu!asuvax!stjhmc!f1.n234.z1.fidonet.org!Jim.Grubs@ucsd.edu
(Jim Grubs)
Subject: Free Vacuum Forever!
Message-ID: <9299.2581B37A@stjhmc.fidonet.org>

> From: rps@dtsg.UUCP (Robert P. Scott)
>
> In article <8589.256A1EC3@stjhmc.fidonet.org>,
> Jim.Grubs@f1.n234.z1.fidonet.org (Jim Grubs) writes:
> > You're snoops and I'm a fuddy duddy for not approving your bad manners.
> Change "fuddy duddy for" to "fascist" and "bad manners" to "freedom" and
> this
> will be a more accurate description.
>
> If I wanted to read the type of fidonet excretion posted to this news
> group of
> late I could do so by dialing any number of local bulletin boards. Is it
> really necessary to waste network bandwidth transmitting such drivel?

I said what I wanted to say and let it go at that. It's others who are still harping on it. Maybe they read slowly, I dunno.

Frhliche Weihnachten und Glckliches Neujahr!

Holiday Greetings from Jim Grubs, W8GRT

--
Uucp: ...{gatech,ames,rutgers}!ncar!asuvax!stjhmc!234!1!Jim.Grubs
Internet: Jim.Grubs@f1.n234.z1.fidonet.org

Date: 7 Dec 89 13:03:51 GMT
From: shlump.nac.dec.com!ryn.esg.dec.com!pstjtt.enet.dec.com!taber@decwrl.dec.com
Subject: rec.scanners
Message-ID: <606@rynesg.dec.com>

In article <37046@apple.Apple.COM>, chuq@Apple.COM (Chuq Von Rospach) writes...
>MROWEN@STLAWU.BITNET (Mike Owen W9IP) writes:
>
>If the ham radio folks don't want you scanner folks, then come on over to
>rec.radio.shortwave. You're welcome to join us until you decide you want

>your own group. (This is, in fact, one reason why rec.radio.shortwave
>was created was to get away from just this attitude (I know it's just a few
>hams, but it certainly doesn't make me want to learn code any time soon...)

There's an implication that hams for some reason can't be or aren't swl's or scanner fans. I'm sure we both know this isn't true. The rec.radio.shortwave group has only just started up so it will take a while for all the receive-only people to find it and start using it to try and get away from the armchair lawyers and Yellow-bellied Bandwidth Wasters. I'm sure the latter will feel compelled to follow just to keep everyone else in line.

I don't really care where the postings happen, I read both groups, but now that a receive-only group exists, it would be more elegant to post swl/scanner information there.

As for learning the code and getting a license... it's something you do for yourself. You can't try and devolve the responsibility onto others. If you ever make the effort, I'd be glad to chat it up with you on the bands.

>>>=>PStJTT (swl, scanner fan and N1GGR/AA)
Patrick St. Joseph Teahan Taber

Mail address: nahhhh, you don't want to send me mail....

Date: 10 Dec 89 03:08:45 GMT
From: swrinde!cs.utexas.edu!natinst!rpp386!puzzle!khijol!erc@ucsd.edu (Edwin R. Carp)
Subject: RS Discone? To buy or not to buy?
Message-ID: <444@khijol.UUCP>

I've used homemade discones for years - they work great, are really easy to make (a piece of coax, a broom handle (!), and some wire screening - total cost under \$5 - and you've got yourself a pretty neat antenna!

Date: 11 Dec 89 03:38:08 GMT
From: zaphod.mps.ohio-state.edu!gem.mps.ohio-state.edu!ctrsol!IDA.ORG!
roskos@tut.cis.ohio-state.edu (Eric Roskos)
Subject: Satellite tracking program for UNIX
Message-ID: <1989Dec11.033808.15070@IDA.ORG>

elmquist@NIPS.SSESCO.COM writes:

>I have something called ORBIT23.C which came from SIMTEL-20..but

>this piece does not calculate pointing angle (sometimes known
>as squint angle) and appears to flake out when the AZ calculation
>crosses from 2 digits to 3 (ie, from 99 to 100 degrees) or visa-versa
>I haven't fully researched this phenomenon...but it left me wondering
>about the accuracy of the calculations. Someone must be tracking
>birds on a UNIX box... let's find out who-- Chris N0JCF

I track weather satellites daily using a modified version of orbit23 which reads the NASA prediction bulletins which TS Kelso (used to?) posts on rec.ham-radio. It works very well for me, although I only use it to calculate the general direction of the satellite, when it will be over the horizon, and the doppler shift (necessary to get a uniform grey scale in the infrared pictures). Since I use a dipole antenna I don't have to point it that precisely, so I don't use the azimuth and elevation produced by the program except to be sure there won't be a wall or post in the way of the antenna when positioning it. The satellite subpoint calculations are, however, correct, since I use those to identify things on the image when the outline of the continent is not visible. When the outline is visible, it matches what the program calculates. I've never noted any problems with the program in using it for nearly a year.

It runs on a Sun 3/60.

--
Eric Roskos (roskos@CS.IDA.ORG or Roskos@DOCKMASTER.NCSC.MIL)

Date: Sat, 9 Dec 89 13:28 EST
From: GWYFFD <PERRYR%WABASH.BITNET@UICVM.uic.edu>
Subject: scratching.

I'm waiting for my novice ticket at the moment, and I'm excited about finally getting into ham radio. An old friend of mine told me that if I really want to get to know the hobby, one of the best ways was by building my own rig... which sounds like both a lot of fun, and possibly a bit cheaper. Can anyone suggest books to me that would help me out? I have a college education, so assume I'm on the "fairly intelligent, but not TOO technical" level :-)...Also, does anyone know of any other companies that make ham rigs from kits (besides Heathkit/Zenith) ? I've got a Heathkit catalog, but I'd like to look into making a rig that can do SSB as well as CW. All they've got in kit form is a QRP CW rig.... In anycase... any suggestions would be helpful. Please send 'em to me personally or to the net...I will be glad to summarize responses to save netwidth.

73 de I'm still waiting for the durn thing!

R. Todd Perry
PERRYR@WABASH.Bitnet

(as everyone breaths a sigh of relief after reading a message directly related to ham radio..... ;-))

Date: 9 Dec 89 03:59:26 GMT
From: csusac!mmsac!ribs!earlj@ucdavis.ucdavis.edu (Jim Lips Earl)
Subject: Tennelec Scanner - need schematic/manual
Message-ID: <232@ribs.UUCP>

I've inherited a Tennelec Model MS-2 Scanner. I've got the instruction manual along with the frequency codes, but no schematic. The unit doesn't receive. You can program it, and you get noise when you turn the squelch down, but it doesn't seem to be receiving any RF. This is one of those early suckers that you program with two front-panel buttons labeled '0' and '1'. For example, for 453.900, you'd enter: 0001 0010 0010 0000. It used to work, but it appears that someone has tweaked some of the caps/coils on the PCB.

Anyone out there have a schematic for this monster? The company that made the unit appears to be out of business. They are:

KEYSTONE COMMUNICATIONS SERVICES
1965 Pioneer Road
Huntingdon Valley, PA 19006

Directory assistance has no such listing.

Date: 10 Dec 89 20:57:59 GMT
From: unisoft!washer@ucbvax.Berkeley.EDU (Jim Washer)
Subject: tuner problems
Message-ID: <2696@unisoft.UUCP>

I am very new to ham radio so if I say something stupid, please forgive me.

I have an old kenwood 599 (twins) receiver/transmitter pair.
the xmit is hooked up to an mfj versa-tuner II (model 941d).
The only antenna I have at this time is a 15m dipole (van gorden kit with an hq 1:1 balun).

Now come the questions.

- 1) The antenna/balun kit says DO NOT USE A TUNER. Why is this? Is it because you shouldn't have to, or because something evil will happen if you do?
- 2) When I tune for low swr, I notice that the rf meter drops quite a bit. Is this normal? What does it means?
- 3) The rf meter on the rig usually reads about 160. the forward on the tuner reads about 80. the reflected read 30. Where did the rest go? Is the likely just a case of meter mis-calibration, or does the meter on the rig actually show something other than true output from the rig??

Information concerning the above and/or anything that a novice should know about using tuners in general would be greatly appreciated.

Thanks in advance. E-mail preferred (I'll repost summaries)

jim washer kc6gni
(415) 420-6410 x137
washer@unisoft.com uunet!unisoft!washer

#include <disclaimer.h>

End of INFO-HAMS Digest V89 Issue #1001
